

Shuai Zhou

Email: davidzhou718@gmail.com

[Personal Website](#)

EDUCATION

South China University of Technology

Bachelor of Robotics Engineering

GPA: 3.84/4.00 . Rank: 3/56

Core curriculum: Artificial Intelligence Technology and Application, Machine Vision and Sensing Systems, Mechanic, Introduction to Engineering, Data Structure and Algorithm

Guangzhou, China

Sep. 2022 -Jun. 2026 (expected)

University of California, Berkeley

Exchange student in EECS

GPA: 4.00/4.00 .

Core curriculum: Data Structures, Designing information devices and Systems I, Introductory Physics II and Introduction to Solid Mechanics

Berkeley, United States

Aug. 2023 - Dec. 2023

RESEARCH INTERESTS

Multi-agent Systems, Motion Planning

Extracurricular self-study:

CMU: 10301/601 Introduction to Machine Learning

CMU: 16-782 Planning and Decision-making in Robotics

Coursera: Robotics: Computational Motion Planning

Coursera: Robotics: Aerial Robotics

RESEARCH EXPERIENCE

Research Assistant

On-site - RAP-Lab, UM-SJTU Joint Institute, Shanghai Jiao Tong University

Shanghai, China

April. 2024 - Present

- Research in Multi agent system & Motion planning area. Specifically in developing planning algorithms for Multi agent Path finding with Asynchronous Actions (MAPF-AA), which is an NP-hard topic. I am supervised by Prof Zhongqiang Ren.

SKILLS

- **OS:** Windows, Linux(Ubuntu)
- **Programming Languages:** Python, C/C++, Java, HTML,MATLAB
- **Version Control:** Git
- **Writing:** L^AT_EX, Office
- **Languages:** Chinese (native), English (fluent)
- **Test grades:** Gre(321), Duolingo(120)